

**From:** [William.McMillin@CH2M.com](mailto:William.McMillin@CH2M.com)  
**To:** [Carr, Brian](#)  
**Cc:** [Juliana.Hess@CH2M.com](mailto:Juliana.Hess@CH2M.com)  
**Subject:** RE: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal  
**Date:** Monday, July 27, 2015 11:18:29 AM

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Brian,

Here is suggested Gowanus Canal collection system modeling request for NYCDEP:

On June 18, 2015 during a meeting between EPA and NYC, information was presented by NYC on the updates it has made to its InfoWorks watershed model that is used to calculate combined sewer overflows for LTCP planning purposes. CSO performance calculations for pre-waterbody/watershed plan implementation, LTCP baseline, and additional tank storage alternatives were presented for the 2008 typical rainfall year. EPA understood from statements made by the NYC representatives at the June 18 meeting and during NYCDEP's May 14, 2015 Public Meeting #2 that the model is being run for a 10-year period (2002 to 2011) and that model calculations for the 2002 to 2011 years are available for review.

EPA requests that the NYCDEP provide a summary of the model calculations for each year of the 10-year model runs in the same format that was presented for the 2008 typical year rainfall (CSO discharge volumes, overflow frequency, %reduction, etc.) as shown in slides 26 through 33 of the presentation made on June 18, 2015 for the pre-waterbody/watershed plan implementation and LTCP baseline conditions, and additional tank storage alternatives.

Take Care,  
Bill

**William E. McMillin Jr., P.E.\*, D.WRE**  
**CH2M**  
**D** 1 973 316 3530  
**M** 1 973 493 9653  
**F** 1 215 640 9398  
**E** [william.mcmillin@ch2m.com](mailto:william.mcmillin@ch2m.com)

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**From:** Carr, Brian [mailto:Carr.Brian@epa.gov]  
**Sent:** Monday, July 27, 2015 10:29 AM  
**To:** McMillin, William/NJO  
**Cc:** Hess, Juliana/NJO  
**Subject:** RE: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal

Hi Bill,

Thanks for the email.

I may make it slightly shorter. Are you still working on wording for the requested the 10 year rainfall modelling runs? That was the other thing we were going to ask for.

Thanks,

Brian E. Carr  
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Region 2  
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**From:** [William.McMillin@CH2M.com](mailto:William.McMillin@CH2M.com) [<mailto:William.McMillin@CH2M.com>]  
**Sent:** Friday, July 24, 2015 5:10 PM  
**To:** Carr, Brian  
**Cc:** [Juliana.Hess@CH2M.com](mailto:Juliana.Hess@CH2M.com)  
**Subject:** RE: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal

Brian,

Here is a suggested Gowanus Canal water quality data request for NYCDEP:

On June 18, 2015 during a meeting between EPA and NYC, information and data was presented by NYC on water quality conditions in Gowanus Canal since the Flushing Tunnel was reactivated. EPA understood from statements made by the NYC representatives that the data was being prepared for publishing by the end of June. However, no release of the full data set collected by NYC appears to have been made.

The June 2015 *Combined Sewer Overflow, Long Term Control Plan for Gowanus Canal* report (LTCP Report) describes the collection of water quality data by the NYCDEP and others before and after the Gowanus Canal Waterbody/Watershed Plan was implemented. Water quality assessments for secchi disk transparency, dissolved oxygen and fecal coliform bacteria were described in the LTCP Report for the period after the Flushing Tunnel was reactivated in July 2014. Summary data was also presented for these parameters (plus enterococcus) to the public in May 2015. However, the data thus far presented is limited to only these parameters. The LTCP report does not provide a complete listing of all the data collected by NYCDEP in Gowanus Canal. The data made available by NYCDEP online for calendar year 2014 and to date in 2015 ([http://www.nyc.gov/html/dep/html/harborwater/harbor\\_water\\_sampling\\_results.shtml](http://www.nyc.gov/html/dep/html/harborwater/harbor_water_sampling_results.shtml)) is limited to only dissolved oxygen, fecal coliform, enterococcus and secchi disk transparency.

EPA understands from the latest published report by NYCDEP on its New York Harbor Survey Program (*The State of the Harbor 2012*, [http://www.nyc.gov/html/dep/html/harborwater/harborwater\\_quality\\_survey.shtml](http://www.nyc.gov/html/dep/html/harborwater/harborwater_quality_survey.shtml)) that total suspended solids and other data is collected by the NYCDEP Harbor Survey.

EPA has inquired with the New York State Department of Environmental Protection (NYSDEC) for post-construction monitoring data collected in Gowanus Canal since the Gowanus Canal Waterbody/Watershed Plan was implemented. NYSDEC provided NYCDEP's *CSO Post-Construction Compliance Monitoring and CSO Retention Facility Overflow Summary for Calendar Year 2014* that was submitted to NYSDEC on June 20, 2015. However, the summary does not include post-construction monitoring data for Gowanus Canal.

EPA requests that the NYCDEP provide all surface water quality data collected by the NYCDEP in calendar year 2014 and to date in 2015. An electronic spreadsheet of the data in Excel or similar format as NYCDEP has provided online and referenced above will suffice.

Let me know if you have any questions.

Take Care,  
Bill

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**From:** Hess, Juliana/NJO  
**Sent:** Thursday, July 23, 2015 10:41 AM  
**To:** Carr, Brian  
**Cc:** McMillin, William/NJO  
**Subject:** RE: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal

Thank you Brian, will forward to bill. His email address is below. J

[william.mcmillin@ch2m.com](mailto:william.mcmillin@ch2m.com)

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**From:** Carr, Brian [<mailto:Carr.Brian@epa.gov>]  
**Sent:** Thursday, July 23, 2015 10:09 AM  
**To:** Hess, Juliana/NJO  
**Subject:** FW: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal

Hi,

I got this from our water folks. It doesn't have the Gowanus monitoring, but might be useful for Bill's collection.

I don't have his email handy, if you want to pass this on to him.

Thanks,

Brian E. Carr  
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**From:** Stephansen, Stanley  
**Sent:** Thursday, July 23, 2015 9:59 AM  
**To:** Carr, Brian  
**Cc:** Gratz, Jeff  
**Subject:** RE: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal

Hi Brian:

Here is a copy of the latest Post Construction Monitoring Report from the DEP. The report includes monitoring near the 4 existing CSO tanks; PCM for the Gowanus CSO controls may be added later.

The recently submitted CSO LTCP for the Gowanus includes monitoring information post-activation of the Flushing Tunnel, and this is probably what the City was talking about.

- Stan

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**From:** Carr, Brian  
**Sent:** Monday, July 20, 2015 2:57 PM  
**To:** Stephansen, Stanley  
**Cc:** Gratz, Jeff  
**Subject:** RE: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal

Stan,

At EPA's meeting about a month ago with the DEP, they said that they would shortly be submitting a post-construction monitoring report for the Gowanus.

I was wondering if that was something we'd gotten a copy of yet, or expected soon, as it may be helpful to have.

Thanks,

Brian E. Carr  
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**From:** Stephansen, Stanley  
**Sent:** Monday, July 06, 2015 4:45 PM  
**To:** Mugdan, Walter; Carr, Brian; Tsiamis, Christos; Singerman, Joel; Garbarini, Doug; McCabe, Catherine; Enck, Judith; Matthews, Joan  
**Cc:** Gratz, Jeff  
**Subject:** FW: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal

Hi:

As requested, below is the link to download the Gowanus CSO LTCP. Please note the link expires on 7/7.

- Stan

Stan Stephansen  
Clean Water Regulatory Branch  
EPA Region 2  
290 Broadway  
New York, NY 10007-1866

Tel. 212-637-3776

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**From:** Beckmann, Keith [<mailto:kbeckmann@dep.nyc.gov>]  
**Sent:** Tuesday, June 30, 2015 7:51 PM  
**To:** Kline, Gary E (DEC); DiMura, Joseph (DEC); Klotz, Mark A (DEC); Penner, Kaitlin (EFC);

VonWergers, Mary (DEC); Elburn, Robert H (DEC); Allen, Linda J (DEC)

**Cc:** William Plache; Levine, Robin; Eckels, Marcella; Donnelly, Heather; Taylor, Janice B.; Petito, John; [jmueller@dep.nyc.gov](mailto:jmueller@dep.nyc.gov); Mahoney, Keith; Lee, Lily; Licata, Angela; Sapienza, Vincent; Degueldre, Lindsay; Clarke, Kevin; Mahoney, Eileen; Weissbard, Ron

**Subject:** FW: CSO-LTCP\_Gowanus Canal LTCP - DEC Submittal

Please find the submittal for the Gowanus Canal LTCP as per the milestone date.

The links below are for download of the Gowanus Canal LTCP Report.

Thank you.

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Keith W. Beckmann, P.E. | **Program Manager - LTCP** | NYC Environmental Protection |  
Bureau of Wastewater Treatment  
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This file will be available for download until 7/7/2015

<u>File</u>	<u>Description</u>	<u>Size</u>
<a href="#">CSO-LTCP_Gowanus_Canal_June_2015_LTCP_Final.pdf</a>		16,436KB
<a href="#">Download all files (.zip)</a>		

This is ready for submission to DEC. Hard copies to follow.